

### Abstract

The inventive probe comprises a tubular body (1, 2) that accommodates a transducer (11), which emits a focussed incident ultrasonic wave toward structures to be examined and which receives the ultrasonic waves reflected by these structures. This transducer (11) is coupled to actuating means (4), comprises a piezoelectric assembly (15) capable of focussing the emitted beams and, adjacent to this assembly, comprises a spherical layer (20) made of a material that ensures a good transmission of the ultrasonic waves.